

CONTROL AND COMPENSATION METHOD FOR LASER OUTPUTTING

ABSTRACT OF THE DISCLOSURE

A control and compensation method for laser outputting is used to compensate power of laser outputting within an unstable working area for obtaining consistence of energy same as the state in a stable working area, and is characterized by that: before laser outputting, a short pulse is used to energize laser to increase reaction speed of the laser; and an unstable working area thereafter is divided into several sections, each section represents a reaction time value, and a table is used to record compensation power value required for each corresponding reaction time value; so that when the laser outputting is within said unstable working area, its power is compensated in reference to the table for various positions of the sections. Thereby the pulse energy can be averagely controlled to get a good output power, the method is applicable to various laser-outputting equipment for reducing operation of adjustment.

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